



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Request for Continued Examination (RCE)
Application of:
NARUSAWA et al.

Serial No.: 09/189,768

Filed: November 10, 1998

For: **AUDIO SYSTEM UTILIZING PERSONAL
COMPUTER**

Group No.: 2643

Examiner: LAO, LUN S.

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I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on May 24, 2004.

By: 

Roger R. Wise, Reg. No. 31,204

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Dear Sirs:

Attached is Form PTO-1449 listing the enclosed references.

I hereby certify that each enclosed document listed on the herewith Form PTO-1449 was first cited in any communication from a foreign patent office in a counterpart foreign application by a European Patent Office Communication (Search Report) dated April 28, 2004.

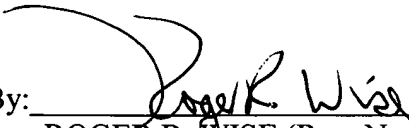
This IDS is intended to be in full compliance with the rules, but should the Examiner find any part of its required content to have been omitted, prompt notice to that effect is earnestly solicited, along with additional time under Rule 97(f), to enable Applicant to comply fully.

Consideration of the foregoing and enclosures plus the return of a copy of the enclosed Form PTO-1449 with the Examiner's initials in the left column per MPEP 609 are earnestly solicited along with an early action on the merits.

Respectfully submitted,

PILLSBURY WINTHROP LLP

Dated: May 24, 2004

By: 
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FORM PTO-1449

**INFORMATION DISCLOSURE CITATION
IN AN APPLICATION**

(Use several sheets if necessary)

Docket Number (Optional)
51270-245585

Application No.
09/189,768

Applicant
NARUSAWA et al.

Filing Date
NOVEMBER 10, 1998

Group Art Unit
2643

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5	6	0	8	8	0	7	3-04-97	Brunelle			4-23-96
	5	6	4	7	0	0	8	7-08-97	Farhangi et al.			2-22-95
	5	4	8	7	0	6	7	1-23-96	Matsushige			2-01-94
	5	5	5	7	6	8	3	9-17-96	Eubanks			7-20-95

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FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	Translation	
												Yes	No
	EP 0	7	4	3	7	6	6	11-20-96	EPO			X	
	WO 97	3	7	2	0	2		10-09-97	WIPO			X	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Leary, K., "The personal sound system," Electro/94 International Conference Proceedings, Combined Volumes, Boston, MA USA 10-12 May 1994, pgs. 299-303
	"Programmable Computer Stereo System for Multi-Media Systems," IBM Technical Disclosure Bulletin, IBM Corp., vol. 35, No. 1A, 1 June 1992, pgs. 408-411

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP §609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.